

Converting Colors

`RYB(178, 190, 183)`

Have a look what the booklet for RYB(178, 190, 183) contains.

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Color

R_YB(178, 190, 183)

Conversions

Conversions Part 1

Format	Color
Hex	B9BEB2
RGB	185, 190, 178
RGB Percent	73%, 75%, 70%
CMY	0.2745, 0.2549, 0.3020
CMYK	0.03, 0.00, 0.06, 0.25
HSL	85°, 8%, 72%
HSV	85°, 6%, 75%
XYZ	46.4569, 50.3556, 49.3905
YIQ	187.1370, 0.8720, -4.7920

Conversions

Conversions Part 2

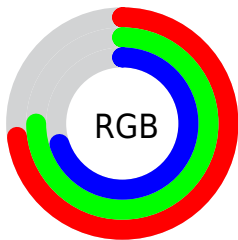
Format	Color
RYB	178, 190, 183
Decimal	12172978
CIELab	76.29, -3.93, 5.44
CIELCh	76, 6.715, 125.820
Yxy	50.3556, 0.3178, 0.3444
Android (android.graphics.Color)	4290363058 (0xFFB9BEB2)
YUV	187.1370, -4.5045, -1.8741
Hunter-Lab	70.9616, -7.3231, 8.4063

Details

The RYB color **178, 190, 183** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **183, 178, 190**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **234, 246, 239**, and **125, 137, 130** is the 20% darker color. If you saturate the color by 10%, you get **159, 190, 172**, and if you desaturate by 10%, it is **193, 190, 197**.

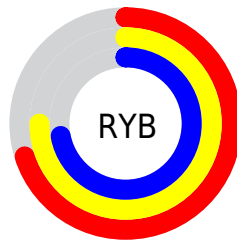
Distribution



Red (73%)

Green (75%)

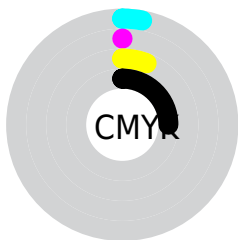
Blue (70%)



Red (70%)

Yellow (75%)

Blue (72%)

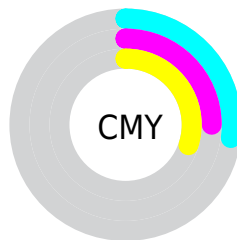


Cyan (3%)

Magenta (0%)

Yellow (6%)

Black (25%)



Cyan (27%)

Magenta (25%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RYB color 178, 190, 183 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 178, 190, 183 by changing the saturation by 10% instead.

■ 178, 190, 183

255, 255, 255

■ 234, 246, 239

■ 178, 190, 183

■ 151, 163, 156

■ 125, 137, 130

■ 100, 111, 104

■ 77, 87, 81

■ 54, 64, 58

■ 33, 42, 37

■ 9, 21, 13

■ 0, 0, 0

■ 178, 190, 183

■ 178, 190, 183

■ 159, 190, 172

■ 193, 190, 197

■ 140, 190, 161

■ 201, 190, 216

■ 121, 190, 150

■ 209, 190, 235

■ 102, 190, 139

■ 217, 190, 254

■ 83, 190, 128

■ 225, 190, 255

■ 64, 190, 117

■ 233, 190, 255

■ 45, 190, 105

■ 240, 190, 255

■ 26, 190, 94

■ 248, 190, 255

■ 7, 190, 83

■ 255, 190, 255

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



181, 192, 176



178, 190, 183



178, 187, 191

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



178, 190, 183



177, 185, 199



201, 184, 187

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



178, 190, 183



183, 178, 190

Split Complementary

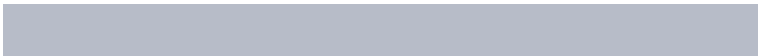
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



198, 185, 193



178, 190, 183



183, 187, 200

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



178, 190, 183



173, 183, 195



191, 186, 198



202, 186, 181

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



178, 190, 183



175, 185, 192



191, 186, 198



200, 184, 189

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



178, 190, 183



242, 247, 244



190, 187, 178



122, 125, 123



252, 252, 252



125, 125, 125

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



178, 190, 183



228, 247, 236



178, 190, 189



85, 94, 89



0, 158, 66



0, 31, 13

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



183, 178, 190



236, 228, 247



189, 178, 190



89, 85, 94



66, 0, 158



13, 0, 31

Previews

White Background



This preview shows how the RYB color 178, 190, 183 looks on a white background.

Color Contrast Check

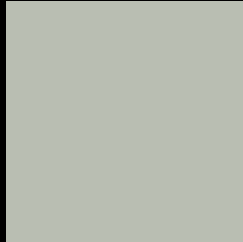
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 178, 190, 183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

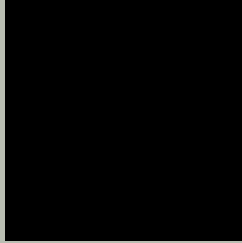
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

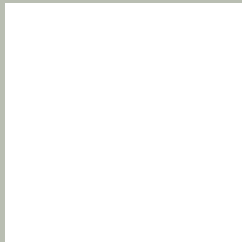
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 178, 190, 183 Background



This preview shows how black text looks on a background with the RYB color 178, 190, 183.



This preview shows how white text looks on a background with the RYB color 178, 190, 183.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
178, 190, 183

Protanopia
189, 194, 177

Deuteranopia
209, 182, 180



Tritanopia
189, 187, 201

Trichromacy



Original Color

178, 190, 183

Protanomaly

181, 191, 177

Deuteranomaly

200, 187, 179

Tritanomaly

188, 188, 193

Monochromacy



Original Color

178, 190, 183

Achromatopsia

187, 187, 187

Achromatomaly

184, 188, 186

CSS Examples

Text

The CSS property to change the color of the text to RYB 178, 190, 183 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(185, 190, 178) looks like.

```
.text, #text, p{  
    color:rgb(185, 190, 178)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(185, 190, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 190, 178) }
```

Border

The CSS property to change the border of an element to RYB 178, 190, 183 is called "border". The border property can be set on classes, ids or directly on the HTML element.

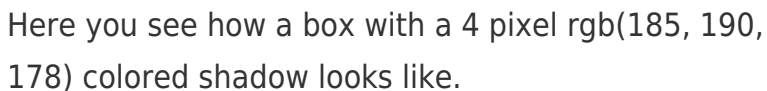
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 190, 178) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(185, 190, 178) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(185, 190, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 190, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 190, 178); box-shadow:4px 4px 4px 4px rgb(185, 190, 178) }
```

Background

The CSS property to change the background color of an element to RYB 178, 190, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 190, 178) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(185,  
190, 178) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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